

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2407	((175/40) or (175/320) or (166/250.11) or (166/250.01)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/27 13:45
S3	1216	((166/250.01) or (166/66)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 11:09
S5	2985	((175/40) or (175/320) or (166/250.11) or (166/250.01) or (166/66)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/27 13:46
S6	465	S5 and ((ring housing collar pipe with (sensor gauge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/27 13:47
S7	1875	((175/40) or (175/320) or (166/250.11)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/03/28 09:14
S8	4628	(73/152.\$2).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 11:12
S9	813	S8 and ((ring housing collar pipe sub sonde) with (sensor guage instrument))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 11:13
S10	16	("20040069539" "20040222018" "5813480" "6419032" "6712160" "6722450" "6814162" "6850068").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:02
S11	34524	(down?hole downhole well?bore wellbore bore?hole borehole) and (sensor measure measurement testing test sensing gauge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:51

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S12	18776	S11 and (ring housing collar sub sonde)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:43
S13	1072	S12 and ((ring housing collar) near3 (between near5 (pipe segment thread tube tubular string)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:44
S14	8	S12 and (((ring housing collar) near3 (sensor sensing))) near3 (between near5 (pipe segment thread tube tubular string)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:44
S15	2	"5973317".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:42
S16	18938	S11 and (ring washer housing collar sub sonde)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 14:43
S17	9	S16 and (((ring housing collar washer) near3 (sensor sensing))) near3 (between near5 (pipe segment thread tube tubular string)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:31
S18	29	("4761073"   "4806012"   "4950883"   "4996419"   "5308973"   "5339696"   "5361130"   "5401956"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5564832"   "5675674"   "5723857").PN. OR ("5973317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/28 15:05
S19	8	(equipment and housing and downhole).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/28 16:09

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S20	55	(US-20050016769-\$ or US-20050006090-\$ or US-20040262041-\$ or US-20040256113-\$ or US-20040216872-\$ or US-20040178797-\$ or US-20040065437-\$ or US-20040065436-\$ or US-20040011559-\$ or US-20040007357-\$ or US-20030192689-\$ or US-20030079874-\$ or US-20030075319-\$ or US-20020185273-\$ or US-20020112852-\$ or US-20020062992-\$ or US-20030000693-\$ or US-20050252652-\$ or US-20040200274-\$ or US-20040069539-\$).did. or (US-6691802-\$ or US-6677861-\$ or US-6655452-\$ or US-6688396-\$ or US-6588505-\$ or US-3020952-\$ or US-6581680-\$ or US-6540032-\$ or US-6470979-\$ or US-6443226-\$ or US-6478087-\$ or US-6397946-\$ or US-6923252-\$ or US-5924499-\$ or US-3106960-\$ or US-3100019-\$ or US-RE35790-\$ or US-5579842-\$ or US-5448227-\$ or US-5509474-\$ or US-5160925-\$ or US-4839644-\$ or US-4836305-\$ or US-4387372-\$ or US-4367797-\$ or US-5184692-\$). did. or (US-5130950-\$ or US-4805450-\$ or US-5214251-\$ or US-5202681-\$ or US-3939705-\$ or US-5973317-\$).did. or (US-3555896-\$).did. or (US-6712160-\$ or GB-2306986-\$). did.	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2006/03/29 10:43
S21	15	S20 and (nub projection rib)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 10:44

## EAST Search History

S22	29	("4761073"   "4806012"   "4950883"   "4996419"   "5308973"   "5339696"   "5361130"   "5401956"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5564832"   "5675674"   "5723857").PN. OR ("5973317").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/29 13:30
S23	1065	sensor adj sub	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:32
S24	120	S23 and (protrusion rib nub centralizer stabilizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:55
S25	10013	(sensor near5 (cavity within)) near5 (ring washer collar sleeve housing sub)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:51
S26	415	S25 and (down?hole downhole well?bore wellbore bore?hole borehole)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:55
S27	123	S26 and (protrusion rib nub centralizer stabilizer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/29 13:56